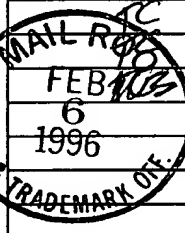


FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1011.004000D	APPLICATION NO. 08/474,388
	APPLICANTS SPRINGER <i>et al.</i>	
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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA1	5,284,931	02/08/94	Springer <i>et al.</i>			
	AB1	5,475,091	12/12/95	Springer <i>et al.</i>			
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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
TC	AL1	EP 0 319 815	06/14/89	Europe			Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TC	AR	1	Alexander, E.L. <i>et al.</i> , "Cutaneous Manifestations of Sjögren's Syndrome," in: <i>Immunologic Diseases of the Skin</i> , Jordon, R.E. (ed.), Norwalk, CT: Appleton & Lange, pp. 401-408 (1991).
TC	AS	1	Anderson, D.C. <i>et al.</i> , "Leukocyte LFA-1, OKM1, p150,95 deficiency syndrome: functional and biosynthetic studies of three kindreds," <i>Fed. Proceedings</i> 44(10):2671-2677 (July 1985).
TC	AT	1	Anderson, D.C. <i>et al.</i> , "Leukocyte Adhesion Deficiency: An Inherited Defect in the Mac-1, LFA-1, and p150,95 Glycoproteins." <i>Ann. Rev. Med.</i> 38:175-194 (1987).

EXAMINER Thomas Cunningham 12/11/00 16	DATE CONSIDERED 4/11/97
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

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U.S. PATENT DOCUMENTS

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TC	AR	2	Bashir, R. <i>et al.</i> , "Expression of LFA-1/ICAM-1 in CNS lymphomas: possible mechanism for lymphoma homing into the brain," <i>J. Neuro-Oncol.</i> 12:103-110 (1992).
TC	AS	2	Boyd, A.W. <i>et al.</i> , "Intercellular adhesion molecule 1 (ICAM-1) has a central role in cell-cell contact-mediated immune mechanisms," <i>Proc. Natl. Acad. Sci. USA</i> 85:3095-3099 (May 1988).
TC	AT	2	Byers, V.S. <i>et al.</i> , "Use of an Anti-Pan T-Lymphocyte Ricin A Chain Immunotoxin in Steroid-Resistant Acute Graft-Versus-Host Disease," <i>Blood</i> 75(7):1426-1432 (April 1, 1990).

EXAMINER <i>Thom Carter</i>	DATE CONSIDERED <i>12/11/00 MC</i>	DATE CONSIDERED <i>4/11/97</i>
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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TC	AR	3	Colonno, R.J. <i>et al.</i> , "Isolation of a Monoclonal Antibody That Blocks Attachment of the Major Group of Human Rhinoviruses," <i>J. Virol.</i> 57(1):7-12 (January 1986).
TC	AS	3	Cooper, K.D. <i>et al.</i> , "Immunologic Features of Psoriasis, <i>in: Immunologic Diseases of the Skin</i> , Jordon, R.E. (ed.), Norwalk, CT: Appleton & Lange, pp. 611-619 (1991).
TC	AT	3	Cosimi, A.B. <i>et al.</i> , "In Vivo Effects Of Monoclonal Antibody To ICAM-1 (CD54) In Nonhuman Primates With Renal Allografts," <i>J. Immunol.</i> 144(12):4604-4612 (June 15, 1990).

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TC	AR	4	Cunningham, C. <i>et al.</i> , "Antibody engineering -- how to be human," <i>TIBTECH</i> 10 (April 1992).
TC	AS	4	Dantal, J. <i>et al.</i> , "Use of monoclonal antibodies in human transplantation," <i>Curr. Opin. Immunol.</i> 3:740-747 (1991).
TC	AT	4	Davignon, D. <i>et al.</i> , "Lymphocyte function-associated antigen 1 (LFA-1): A surface antigen distinct from Lyt-2,3 that participates in T lymphocyte-mediated killing," <i>Proc. Natl. Acad. Sci. USA</i> 78:4535-4539 (July 1981).

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Thomas Cusler

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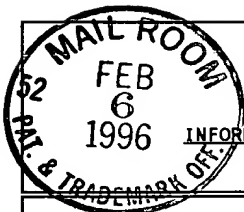
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	AO						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TC	AR	5	Dustin, M.L. <i>et al.</i> , "Adhesion Of T Lymphoblasts To Epidermal Keratinocytes Is Regulated By Interferon γ And Is Mediated By Intercellular Adhesion Molecule 1 (ICAM-1)," <i>J. Exp. Med.</i> 167:1323-1340 (April 1988).
TC	AS	5	Dustin, M.L. <i>et al.</i> , "Induction By IL 1 And Interferon- γ : Tissue Distribution, Biochemistry, And Function Of A Natural Adherence Molecule (ICAM-1)," <i>J. Immunol.</i> 137(1):245-254 (July 1, 1986).
TC	AT	5	Dustin, M.L. <i>et al.</i> , "Lymphocyte Function-associated Antigen-1 (LFA-1) Interaction with Intercellular Adhesion Molecule-1 (ICAM-1) is One of At Least Three Mechanisms for Lymphocyte Adhesion to Cultured Endothelial Cells," <i>J. Cell Biol.</i> 107:321-331 (July 1988).

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TC	AR	6	Dustin, M.L. <i>et al.</i> , "Purified Lymphocyte Function-Associated Antigen 3 Binds To CD2 And Mediates T Lymphocyte Adhesion," <i>J. Exp. Med.</i> 165:677-692 (March 1987)
TC	AS	6	Dustin, M.L. <i>et al.</i> , "Supergene families meet in the immune system," <i>Immunol. Today</i> 9(7&8):213-215 (1988).
TC	AT	6	Dustin, M.L. <i>et al.</i> , "T-cell receptor cross-linking transiently stimulates adhesiveness through LFA-1," <i>Nature</i> 341:619-624 (October 19, 1989).

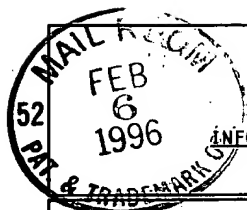
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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TC	AR	Z	Fischer, A. <i>et al.</i> , "Role Of The LFA-1 Molecule In Cellular Interactions Required For Antibody Production In Humans," <i>J. Immunol.</i> 136(9):3198-3203 (May 1, 1986).
TC	AS	Z	Flavin, T. <i>et al.</i> , "Monoclonal Antibodies Against Intercellular Adhesion Molecule 1 Prolong Cardiac Allograft Survival in Cynomolgus Monkeys," <i>Transplant. Proc.</i> 23(1):533-534 (February 1991).
TC	AT	Z	Gibbs, "Try, Try Again: Making antibodies more useful by making them more human," <i>Scientific American</i> :101-103 (July 1993).

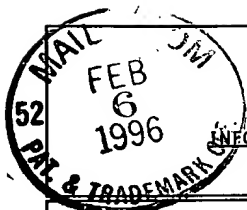
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U.S. PATENT DOCUMENTS

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	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TC	AR	8	Hamann, A. et al., "Evidence For An Accessory Role Of LFA-1 In Lymphocyte-High Endothelium Interaction During Homing," <i>J. Immunol.</i> 140(3):693-699 (February 1, 1988).
TC	AS	8	Harlan, J.M. et al., "Leukocyte-Endothelial Interactions," <i>Blood</i> 65(3):513-525 (March 1985).
TC	AT	8	Harris, W.J. et al., "Therapeutic antibodies -- the coming of age," <i>TIBTECH</i> 11:42-44 (February 1993).

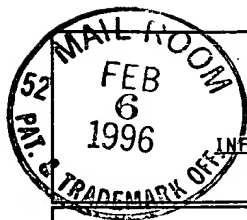
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	AO						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TC	AR	2	Haskard, D. <i>et al.</i> , "T Lymphocyte Adhesion To Endothelial Cells: Mechanisms Demonstrated By Anti-LFA-1 Monoclonal Antibodies," <i>J. Immunol.</i> 137:2901-2906 (November 1986).
TC	AS	2	Haug, C.E. <i>et al.</i> , "A Phase I Trial Of Immunosuppression With Anti-ICAM-1 (CD54) mAb In Renal Allograft Recipients," <i>Transplantation</i> 55(4):766-773 (April 1993).
TC	AT	2	Hildreth, J.E.K. <i>et al.</i> , "Involvement of a Leukocyte Adhesion Receptor (LFA-1) in HIV-Induced Syncytium Formation," <i>Science</i> 244:1075-1078 (June 2, 1989).

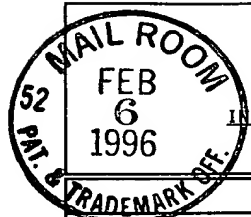
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	AM						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TC	AR	10	Hoffman, P.M. <i>et al.</i> , "Neurologic Diseases," in: <i>Basic & Clinical Immunology</i> , Sixth Edition, Stites, D.P. <i>et al.</i> (eds.), Norwalk, CT: Appleton & Lange, pp. 598-602 (1987).
TC	AS	10	Jonker, M. <i>et al.</i> , "Successful Treatment of EAE in Rhesus Monkeys with MHC Class II Specific Monoclonal Antibodies," <i>J. Autoimmunity</i> 1:399-414 (1988).
TC	AT	10	Kageshita, T. <i>et al.</i> , "Differential Expression of Melanoma Associated Antigens in Acral Lentiginous Melanoma and in Nodular Melanoma Lesions," <i>Cancer Res.</i> 51:1726-1732 (March 15, 1991).

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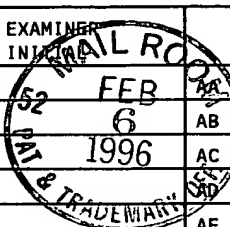
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	AO						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
TC	AR	11	Kavanaugh, A.F. <i>et al.</i> , "Treatment Of Refractory Rheumatoid Arthritis With An Anti-CD54 (Intercellular Adhesion Molecule-1, ICAM-1) Monoclonal Antibody," <i>Abstr. Proc. Amer. Coll. Rheumatology</i> (1992).				
TC	AS	11	Keizer, G.D. <i>et al.</i> , "Biochemical and functional characteristics of the human leukocyte membrane antigen family LFA-1, Mo-1 and p150,95," <i>Eur. J. Immunol.</i> 15:1142-1147 (1985).				
TC	AT	11	Kishimoto, T.K. <i>et al.</i> , "The Leukocyte Integrins," <i>Adv. Immunol.</i> 46:149-182 (1989).				
EXAMINER <i>Ther. Carter</i>				DATE CONSIDERED <i>Mo 12/11/00</i>		DATE CONSIDERED <i>7/11/97</i>	
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	<p>APPLICANTS</p> <p>SPRINGER <i>et al.</i></p>	
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U.S. PATENT DOCUMENTS

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	AM						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

TC	AR	12	Kohl, S. et al., "Defective Natural Killer Cytotoxicity And Polymorphonuclear Leukocyte Antibody-Dependent Cellular Cytotoxicity In Patients With LFA-1/OKM-1 Deficiency," <i>J. Immunol.</i> 133(6):2972-2978 (December 1984).
TC	AS	12	Krensky, A.M. et al., "LFA-1, LFA-2 and LFA-3 Antigens Are Involved in CTL-Target Conjugation," <i>J. Immunol.</i> 132(5):2180-2182 (May 1984).
TC	AT	12	Makgoba, M.W. et al., "Functional evidence that intercellular adhesion molecule-1 (ICAM-1) is a ligand for LFA-1-dependent adhesion in T cell-mediated cytotoxicity," <i>Eur. J. Immunol.</i> 18:637-640 (1988).

EXAMINER <i>John C. [Signature]</i>	DATE CONSIDERED <i>12/11/00</i>	DATE CONSIDERED <i>8/1/97</i>
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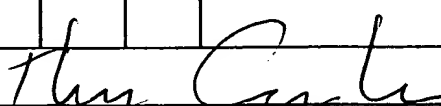
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TC	AR	13	Makgoba, M.W. et al., "ICAM-1, a ligand for LFA-1-dependent adhesion of B,T and myeloid cells," Nature 331:86-88 (January 7, 1988).		
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EXAMINER	Theresa Cusker			DATE CONSIDERED	12/11/00
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.					

FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1011.004000D	APPLICATION NO. 08/474,388
	APPLICANTS SPRINGER <i>et al.</i>	
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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

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TC	AR	14	Mayes, J.T. <i>et al.</i> , "Reexposure To OKT3 In Renal Allograft Recipients," <i>Transplantation</i> 45(2):349-353 (February 1988).
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
AL							Yes No
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AO							Yes No
AP							Yes No

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<i>TC</i>	AR	<u>15</u>	O'Connell, J.B. <i>et al.</i> , "Efficacy Of OKT3 Retreatment For Refractory Cardiac Allograft Rejection," <i>Transplantation</i> 47(5):788-792 (May 1989).
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EXAMINER	<i>Ther C. L.</i>		DATE CONSIDERED <i>12/11/00</i>
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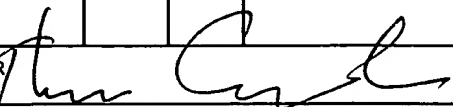
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TC	AR	16	"Orthoclone OKT," <i>Physician's Desk Reference</i> , pp. 1702-1703 (1993).
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TC	AR	17	Prober, J.S. <i>et al.</i> , "Overlapping Patterns Of Activation Of Human Endothelial Cells By Interleukin 1, Tumor Necrosis Factor, And Immune Interferon," <i>J. Immunol.</i> 137(6):1893-1896 (September 15, 1986).
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TC	AR	18	Sanchez-Madrid, F. <i>et al.</i> , "Mapping of Antigenic And Functional Epitopes On The α - and β -Subunits Of Two Related Mouse Glycoproteins Involved In Cell Interactions, LFA-1 and MAC-1," <i>J. Exp. Med.</i> 158:586-602 (August 1983).
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EXAMINER	Thomas Coughlin	DATE CONSIDERED	4/11/97
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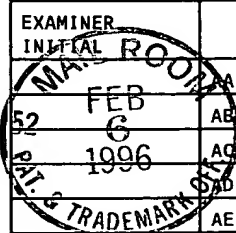
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TC	AR	20	Springer, T.A. <i>et al.</i> , "The Lymphocyte Function-Associated LFA-1, CD2, and LFA-3 Molecules: Cell Adhesion Receptors of the Immune System," <i>Ann. Rev. Immunol.</i> 5:223-252 (1987).
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TC	AT	20	Staunton, D.E. <i>et al.</i> , "Primary Structure of ICAM-1 Demonstrates Interaction between Members of the Immunoglobulin and Integrin Supergene Families," <i>Cell</i> 52:925-933 (March 25, 1988).

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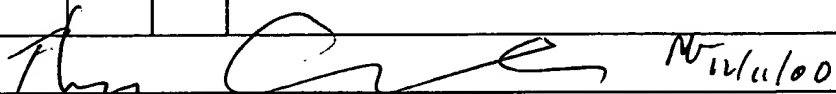
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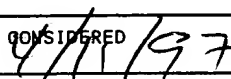
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TC	AR	21	Theofilopoulos, A.N., "Autoimmunity," in: <i>Basic & Clinical Immunology</i> , Sixth Edition, Stites, D.P. et al. (eds.), Norwalk, CT: Appleton & Lange, pp. 128-132 (1987).
TC	AS	21	Tolkoff-Rubin, N. et al., "Immunosuppression With Anti-ICAM-1 (CD54) MAB In Renal Allograft Recipients," <i>J. Amer. Soc. Nephrol.</i> 2(3):820, Abstract No. 2P (September 1991).
TC	AT	21	Tolosa, E. et al., "Expression of Intercellular Adhesion Molecule-1 in Thyroid Follicular Cells in Autoimmune, Non-autoimmune and Neoplastic Diseases of the Thyroid Gland: Discordance with HLA," <i>J. Autoimmunity</i> 5:107-118 (1992).

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	AN						Yes No
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TC	AR	22	Tötterman, T.H. <i>et al.</i> , "Immunologic Diagnosis Of Kidney Rejection Using FACS Analysis Of Graft-Infiltrating Functional And Activated T And NK Cell Subsets," <i>Transplantation</i> 47(5):817-823 (May 1989).
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